PF-0609 USN

<110> TANG, Y. Tom
CORLEY, Neil C.
GUEGLER, Karl J.
LU, Aina Dyung M.

<120> BONE MARROW-DERIVED SERUM PROTEINS

<130> PF-0609 USN

<140> To Be Assigned
<141> Herewith

<150> 09/165,621
<151> 1998-10-02

<150> 60/155,264
<151> 1998-10-02

<150> US99/22908
<151> 1999-10-01

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<212> PRT
<213> Homo sapiens

<220>
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<223> Incyte ID No: 135698CD1

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Leu Ser Leu Ser Pro Gly Glu Arg Ala Thr Leu Ser Cys Arg Ala
             35                  40                  45
Ser Gln Ser Val Ser Ser Tyr Leu Ala Trp Tyr Gln Gln Lys Pro
             50                  55                  60
Gly Gln Ala Pro Arg Leu Leu Ile Tyr Asp Ala Ser Asn Arg Ala
             65                  70                  75
Thr Gly Ile Pro Pro Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp
             80                  85                  90
Phe Thr Leu Thr Ile Ser Arg Leu Glu Pro Glu Asp Val Ala Leu
             95                 100                 105
Tyr Tyr Cys Gln Gln Tyr Phe Thr Thr Pro Tyr Thr Phe Gly Gln
            110                 115                 120
Gly Thr Arg Leu Glu Ile Lys Arg Thr Val Ala Ala Pro Ser Val
            125                 130                 135
Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser Gly Thr Ala
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PF-0609 USN

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Ser Val Val Cys Leu Leu Asn Asn Phe Tyr Pro Arg Glu Ala Lys
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Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn Ser Gln
                170                 175                 180
Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu
                185                 190                 195
Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys
                200                 205                 210
Val Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val
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Thr Lys Ser Phe Asn Arg Gly Glu Cys
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Ile Ser Pro Pro Leu Gly Asp Phe Arg His Thr Ile His Ile Gly
                 35                  40                  45
Lys Glu Gly Gln His Asp Val Phe Gly Asp Ile Ser Phe Leu Gln
                 50                  55                  60
Gly Asn Tyr Glu Leu Leu Pro Gly Asn Gln Glu Lys Ala His Leu
                 65                  70                  75
Gly Gln Phe Pro Gly His Asn Glu Phe Phe Arg Ala Asn Ser Thr
                 80                  85                  90
Ser Asp Ser Val Phe Thr Glu Thr Pro Ser Pro Val Leu Lys Asn
                 95                 100                 105
Ala Ile Ser Leu Pro Thr Ile Gly Gly Ser Gln Ala Leu Met Leu
                110                 115                 120
Pro Leu Leu Ser Pro Val Thr Phe Asn Ser Lys Gln Glu Ser Phe
                125                 130                 135
Gly Pro Ala Lys Leu Pro Arg Leu Ser Cys Glu Pro Val Met Glu
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Glu Lys Ala Gln Glu Lys Ser Ser Leu Leu Glu Asn Gly Thr Val
                155                 160                 165
His Gln Gly Asp Thr Ser Trp Gly Ser Ser Gly Ser Ala Ser Gln
                170                 175                 180
Ser Ser Gln Gly Arg Asp Ser His Ser Ser Ser Leu Ser Glu Gln
                185                 190                 195
Tyr Pro Asp Trp Pro Ala Glu Asp Met Phe Asp His Pro Thr Pro
                200                 205                 210
Cys Glu Leu Ile Lys Gly Lys Thr Lys Ser Glu Glu Ser Leu Ser
                215                 220                 225
Asp Leu Thr Gly Ser Leu Leu Ser Leu Gln Leu Asp Leu Gly Pro
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230 235 240
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<223> a, t, c, g, or other

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gattgcgtgc gcccgcggga ggcccggggc agcggctggg atcctcagcg gcggccggtt 180
tgtcctggtt gtggtcaaga ctggatgatg taactggctc tctaggaagc ctcacttggc 240
cgtaacctca ggaaggttct ctttgacccc atctcatttc gaagccactt ctgaagccac 300
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aagaaagtgg ccctttctcc cgcttgcaaa atagacattc tcaaattcca aaatgccagc 420

caagacccca atttacctga aagcagccaa taacaagaaa ggaaagaaat ttaaactgag 480
ggacattctg tctcctgata tgatcagtcc cccgcttgga gactttcgcc acaccatcca 540
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cagtggtcat ttctgagcat cttcctgact tgaacacctt ctacagcaaa ctcttgcaag 2460
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35 40 45
Arg His Thr Met His Val Gly Arg Gly Gly Asp Val Phe Gly Asp

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Thr Ser Phe Leu Ser Asn His Gly Gly Ser Ser Gly Ser Thr His
                  65                  70                  75
Arg Ser Pro Arg Ser Phe Leu Ala Lys Lys Leu Gln Leu Val Arg
                  80                  85                  90
Arg Val Gly Ala Pro Pro Arg Arg Met Ala Ser Pro Pro Ala Pro
                  95                 100                 105
Ser Pro Ala Pro Pro Ala Ile Ser Pro Ile Ile Lys Asn Ala Ile
                 110                 115                 120
Ser Leu Pro Gln Leu Asn Gln Ala Ala Tyr Asp Ser Leu Val Val
                 125                 130                 135
Gly Lys Leu Ser Phe Asp Ser Ser Pro Thr Ser Ser Thr Asp Gly
                 140                 145                 150
His Ser Ser Tyr Gly Leu Asp Ser Gly Phe Cys Thr Ile Ser Arg
                 155                 160                 165
Leu Pro Arg Ser Glu Lys Pro His Asp Arg Asp Arg Asp Gly Ser
                 170                 175                 180
Phe Pro Ser Glu Pro Gly Leu Arg Arg Ser Asp Ser Leu Leu Ser
                 185                 190                 195
Phe Arg Leu Asp Leu Asp Leu Gly Pro Ser Leu Leu Ser Glu Leu
                 200                 205                 210
Leu Gly Val Met Ser Leu Pro Glu Ala Pro Ala Ala Glu Thr Pro
                 215                 220                 225
Ala Pro Ala Ala Asn Pro Pro Ala Pro Thr Ala Asn Pro Thr Gly
                 230                 235                 240
Pro Ala Ala Asn Pro Pro Ala Thr Thr Ala Asn Pro Pro Ala Pro
                 245                 250                 255
Ala Ala Asn Pro Ser Ala Pro Ala Ala Thr Pro Thr Gly Pro Ala
                 260                 265                 270
Ala Asn Pro Pro Ala Pro Ala Ala Ser Ser Thr Pro His Gly His
                 275                 280                 285
Cys Pro Asn Gly Val Thr Ala Gly Leu Gly Pro Val Ala Glu Val
                 290                 295                 300
Lys Ser Ser Pro Val Gly Gly Gly Pro Arg Gly Pro Ala Gly Pro
                 305                 310                 315
Ala Leu Gly Arg His Trp Gly Ala Gly Trp Asp Gly Gly His His
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Tyr Pro Glu Met Asp Ala Arg Gln Glu Arg Val Glu Val Leu Pro
                 335                 340                 345
Gln Ala Arg Ala Ser Trp Glu Ser Leu Asp Glu Glu Trp Arg Ala
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Pro Gln Ala Gly Ser Arg Thr Pro Val Pro Ser Thr Val Gln Ala
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Asn Thr Phe Glu Phe Ala Asp Ala Glu Glu Asp Asp Glu Val Lys
                 380                 385                 390
Val
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